

PATENT APPLICATION

File No: 02-12

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Chung Chan, Bruce L. Zamost, Douglas C. Covert, Hong Y. Liu, Karen
S. de Jongh, Jeffrey D. Meyer, Susan D. Holderman
Serial No. : 10/735,149
Group Art Unit : 1646
Confirmation No. : 2580
Examiner : Jiang, D.
Filed : December 12, 2003
For : IL-21 PRODUCTION IN PROKARYOTIC HOSTS
Date Submitted : December 21, 2006

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. 1.56, 1.97 and 1.98, Applicants submit herewith references which they believe may be material to the examination of this application and with respect to which there may be a duty to disclose in accordance with 37 C.F.R. 1.56.

In accordance with 37 C.F.R. 1.97, the filing of this Information Disclosure Statement shall not be construed as a representation that a search has been conducted, nor shall it be construed to be an admission that the information cited is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56(b).

The references are listed in PTO form 1449 which is in accordance with the requirements of M.P.E.P. 609. Applicants believe that their invention as claimed is patentable over the references. It is respectfully requested that these references be considered by the Patent and Trademark Office in its examination of the above-identified application and be made of record therein. The Examiner is also invited to contact the Undersigned if there are any questions concerning this paper or the attached references. Applicants have not included copies of the U.S. Patent Applications listed on the attached PTO-1449 as they are available on PAIR, but will supply paper copies if requested by the Examiner.

Information Disclosure Statement dated: December 21, 2006

Pursuant to the provisions of M.P.E.P. §609, Applicants further request that a copy of the 1449 form(s), marked as being considered and initialed by the Examiner, be returned with the next Official Communication.

The Commissioner is hereby authorized to charge the fee under 37 C.F.R. §1.17(p) of \$180.00 to ZymoGenetics, Inc. Deposit Account No. 26-0290.

Respectfully submitted,



Deborah A. Sawislak
Registration No. 37,438

Customer No. 10117
ZymoGenetics, Inc.

FORM PTO 1449
(REV 2-32)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

File No. 02-12

Serial No.
10735,149

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant(s):
Chung Chan, Bruce L. Zamost, Douglas
C. Covert, Hong Y. Liu, Karen S. de
Jongh, Jeffrey D. Meyer, Susan D.
HoldermanFiling Date:
December 12, 2003

Group: 1646

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A30	10/659,684	09/10/03	Novak et al.		
	A31	11/549,772	10/16/06	Novak et al.		
	A32	11/551,807	10/23/06	Novak et al.		
	A33	11/551,344	10/20/06	Novak et al.		
	A34	11/549,868	10/16/06	Novak et al.		
	A35	11/551,349	10/20/06	Novak et al.		
	A36	11/551,362	10/20/06	Novak et al.		
	A37	11/551,368	10/20/06	Novak et al.		
	A38	11/551,811	10/23/06	Novak et al.		
	A39	11/551,820	10/23/06	Novak et al.		
	A40	10/787,442	02/26/04	Novak et al.		
	A41	11/532,776	08/18/06	Novak et al.		
	A42	11/551,127	10/19/06	Novak et al.		
	A43	11/551,136	10/19/06	Novak et al.		
	A44	11/551,139	10/19/06	Novak et al.		
	A45	11/551,144	10/19/06	Novak et al.		
	A46	11/551,349	10/20/06	Novak et al.		
	A47	11/346,580	02/02/06	Novak et al.		
	48	6,605,272	08/12/03	Novak et al.	424	85.2
	49	6,686,178	10/23/01	Novak et al.	435	69.32
	50	6,057,128	05/20/00	Donaldson et al.	435	69.1
	51	2005124044	06/15/04	Cunningham et al.		

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

Examiner

Date considered

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449 (REV 2-32)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		File No. 02-12		Serial No. 10/735,149	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				Applicant(s): Chung Chan, Bruce L. Zarnost, Douglas C. Covert, Hong Y. Liu, Karen S. de Jongh, Jeffrey D. Meyer, Susan D. Holderman		Filing Date: December 12, 2003	
				Group: 1646			

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FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	52	03/087320	10/23/03	WO			
	53	03/082212	10/09/03	WO			
	54	1513993	04/29/03	CN			
	55	2005049847	06/02/05	WO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Patents, etc.)							
	A56		Asano et al., "Antitumor activity of interleukin-21 prepared by novel refolding procedure from inclusion bodies expressed in <i>Escherichia coli</i> ," <u>FEBS Letters</u> 528:70-76, 2002.				

Examiner	Date considered
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.